

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Dean DellaPenna *et al.*
Serial No.: 10/751,235 Group No.: 1638
Filed: 01/02/2004 Examiner: Worley, C.K.
Entitled: **Novel Carotenoid Hydroxylases For Use In
Engineering Carotenoid Metabolism In Plants**

**INFORMATION DISCLOSURE
STATEMENT TRANSMITTAL**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING UNDER 37 CFR § 1.8(a)

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By: 

Mary Ellen Waite

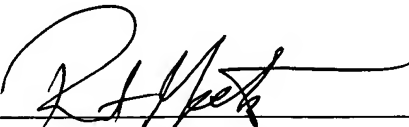
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Enclosed please find an Information Disclosure Statement and Form PTO-1449, including copies of the references contained thereon, for filing in the U.S. Patent and Trademark Office.

A check for \$180.00 is also enclosed pursuant to 37 C.F.R. § 1.17(p) for filing this Information Disclosure Statement after three months as set forth in C.F.R. § 1.97(c).

The Commissioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. 08-1290. An originally executed duplicate of this transmittal is enclosed for this purpose.

Dated: December 20, 2005


Robert A. Goetz
Registration No. 55,210

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608/218-6900



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INFORMATION DISCLOSURE STATEMENT

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Date: December 20, 2005 By: Mary Ellen Waite

Sir or Madam:


The citations listed below may be material to the examination of the above-identified application, and are therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. §§ 1.56 and 1.97. The Examiner is requested to make these citations of official record in this application.

- U.S. Patent No. 6,642,021
- U.S. Patent No. 6,232,530
- U.S. Patent No. 2003/0207947 A1
- U.S. Patent No. 20020102631A1
- U.S. Patent No. 20020086380A1

- U.S. Patent No. 20030129264A1
- U.S. Patent No. 20030196232A1
- WO 00/32788
- WO 03/001901.
- Nelson et al. Pharmacogenetics, 6:1-42 (1996)
- Niyogi, Annu. Rev. Plant Physiol. Plant Mol. Biol. 50, 333-359 (1999)
- Hirschberg, Curr. Opin. Plant Biol. 4, 210-218 (2001)
- Sun, et al. J. Biol. Chem. 271, 24349-24352 (1996)
- Tian, et al. Plant Mol. Biol. 47, 379-388 (2001)
- Pogson, et al. Plant Cell 8, 1627-1639 (1996)
- Tian, et al. Plant Cell 15, 1320-1332 (2003)
- Chapple, Annu. Rev. Plant Physiol. Plant Mol. Biol. 49, 311-343 (1998)
- Schuler and Werck-Reichhart, Annu. Rev. Plant Biol. 54, 629-667 (2003)
- Back and Chappell, PNAS 93: 6841-6845, (1996)
- Cunningham and Gantt E. Proc Natl Acad Sci U S A. 27;98(5):2905-10 (2001)

This Information Disclosure Statement under 37 C.F.R. §§ 1.56 and 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these citations constitutes prior art.

Dated: _____

12/20/2005

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| Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | Complete if Known | |
| | | Application Number | 10/751,235 |
| | | Filing Date | 1/2/2004 |
| | | First Named Inventor | DellaPenna et al. |
| | | Art Unit | 1638 |
| | | Examiner Name | Worley |
| Sheet 2 | of 3 | Attorney Docket Number | MSU-08604 |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | 10 | Nelson et al. Pharmacogenetics, 6:1-42 (1996) | |
| | 11 | Niyogi, Annu. Rev. Plant Physiol. Plant Mol. Biol. 50, 333-359 (1999) | |
| | 12 | Hirschberg, Curr. Opin. Plant Biol. 4, 210-218 (2001) | |
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| | 15 | Pogson, et al. Plant Cell 8, 1627-1639 (1996) | |
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| | 19 | Back and Chappell, PNAS 93: 6841-6845, (1996) | |

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| Examiner Signature | Date Considered |
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